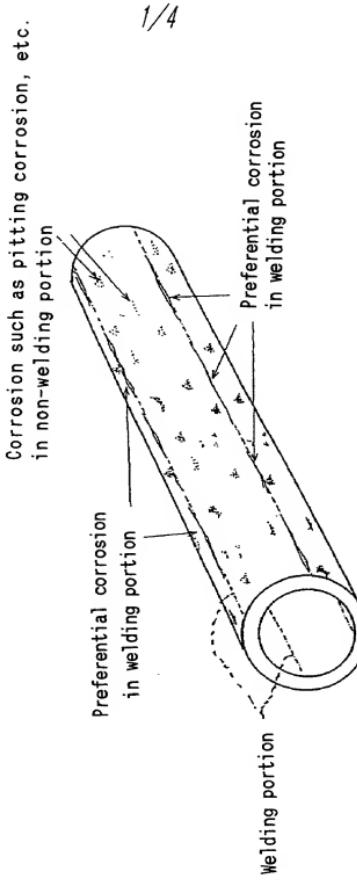


Fig. 1



*Fig. 2 (A)*      *Fig. 2 (B)*      *Fig. 2 (C)*      *Fig. 2 (D)*

Type A                  Type B                  Type C                  Type D



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Punch shaping                  Punch → forming by rolling                  Punch shaping

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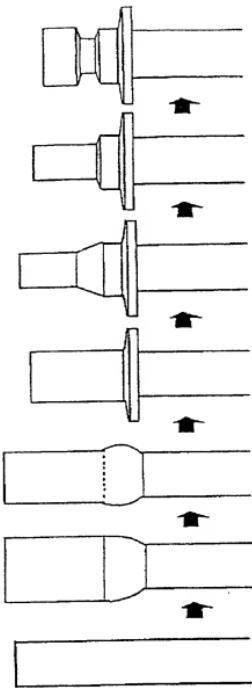


Fig. 3 (A)

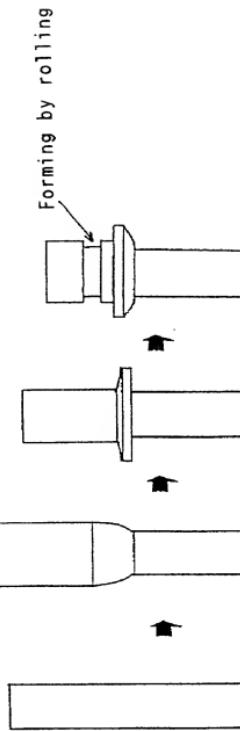
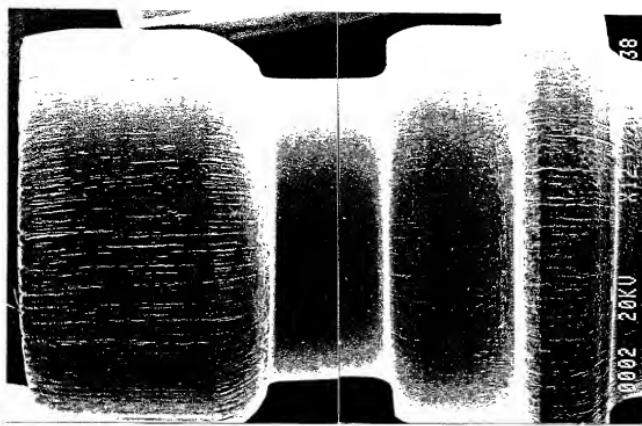
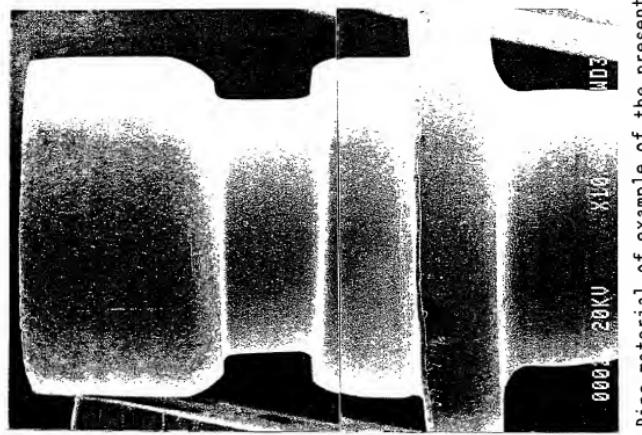


Fig. 3 (B)

*Fig. 4 (A)*



*Fig. 4 (B)*



Pipe material of example of the present invention (portion with terminal end processing of type B)

Current pipe material

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